



THE SCIENCE OF READYSM

SOUTH 4 GROUP FIRE

Port Neches, TX

Preliminary Data Summary

November 29, 2019

Project #112312

This table summarizes real-time air monitoring data collected from November 28, 2019 06:00 CDT to November 29, 2019 06:00 CDT.

Community Handheld Real-Time Air Monitoring Results

Analyte	Instrument	# of Readings	# of Detections	Range*
1,3-Butadiene	Drager X-PID 8500	553	2	0.15 – 0.27 ppm
	Gastec #174LL	1	0	< 0.1 ppm
	UltraRAE	483	0	< 0.1 ppm
Benzene	Drager X-PID 8500	385	0	< 0.02 ppm
	UltraRAE	32	0	< 0.025 ppm
Carbon Monoxide (CO)	MultiRAE	396	0	< 1 ppm
%LEL	MultiRAE	820	0	< 1%
Nitrogen Dioxide (NO ₂)	MultiRAE	156	0	< 0.1 ppm
	Gastec #9L	79	0	< 0.1 ppm
Particulate matter (PM _{2.5})	AM510	405	405	0.004 – 0.612 mg/m ³
VOCs [†]	MultiRAE	1,179	28	0.1 - 0.3 ppm

* If no detection was observed, the instrument detection limit preceded by a "<" symbol is listed. These data have not undergone QA/QC and should be considered preliminary at this time. †Volatile organic compounds.